

MTIP001US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

August 13, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

RE: REPLY TO MAY 15, 2002 OFFICE ACTION FOR 09/725,728;  
ART UNIT 1745; FILED NOVEMBER 29, 2000;  
TITLE: FUEL CELL CONTROL AND MEASUREMENT APPARATUS AND METHOD,  
USING DIELECTRIC CONSTANT MEASUREMENTS

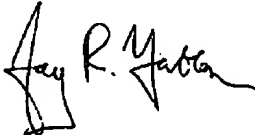
Dear Sir:

Attached please find a 14-page reply to the above-referenced office action. As this reply is filed prior to the August 15, 2002 expiration of the 3 month shortened statutory period for reply, no extension fees are necessary.

Also attached please find a Credit Card Payment Form for \$18, for two new dependent claims added with this reply.

By and with this reply, I hereby request further examination and consideration of this application, with the amendments submitted, described and supported herein.

Very Truly Yours,

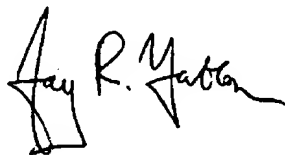


Jay R. Yablon  
Registration # 30604

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CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office Fax Number 703-872-9310 on the transmission date of August 13, 2002, pursuant to 37 CFR 1.8.

Name of Person signing this certificate: Jay R. Yablon

MTIP001US

Serial Number: 09/725,728  
Art Unit: 1745  
Filing Date: 11/29/2000  
Examiner: Johathan S. Crepeau  
Title of Invention: Fuel Cell Control and Measurement Apparatus  
and Method, using Dielectric Constant Measurements  
Inventor: Acker et al.

## DETAILED REPLY TO OFFICE ACTION OF 5/15/02

Following is a detailed reply to the above-referenced  
office action.

5 REQUEST FOR TELEPHONE INTERVIEW BEFORE SUBSEQUENT OFFICE ACTION

If the amendments submitted and described herein do not  
place this application fully in condition for allowance,  
applicants' counsel hereby respectfully requests a telephone  
interview with examiner Jonathan S. Crepeau, following receipt  
10 of this reply, and prior to issuance of any further office  
action on this case.

AMENDMENTS

Please amend claims 4, 5, 6, 24, 25 and 26 as shown below.

15 Please add new claims 41 and 42 as shown below. All other  
claims are unchanged.

1 4. (amended) The system of claim 3, wherein said methanol and  
2 water are mixed into said fuel mix such that said desired mixing  
3 proportion of said methanol within said fuel mix is determined  
4 based upon particular technologies used for said fuel cell and  
5 said fuel cell system.

1 5. (amended) The system of claim 3, wherein said methanol and  
2 water are mixed into said fuel mix such that said desired mixing